

REMARKS

Applicant thanks the Examiner for his consideration of the present application.

The Examiner objected to claims 1, 2, 3, 17, 18, 22, 24, and 26, concerning certain terms/expressions.

With respect to the objection to claim 3, the Examiner stated: "Claim 3, line 2, "bandpass" should be deleted". Applicant respectfully submits that claim 5 contains the term "bandpass", and claim 3 does not contain this term. Accordingly, it is assumed that the Examiner objected to claim 5 rather than claim 3.

As suggested by the Examiner, claim 1 has been amended. Claim 1 has been further amended to replace "the complex filters/amplifier states" in line 20 with "the complex filter/amplifier stages" so as to be consistent with line 4.

To overcome the Examiner's objection, 'IF' in claim 2 has been replaced with "intermediate frequency (IF) band".

Claim 5 has been amended to delete "bandpass" and to replace "received signal" with "signal received at its input to generate a filtered received signal".

As suggested by the Examiner, claims 17 and 18 have been amended.

With respect to the objection to claims 22, 24 and 26, the Examiner suggested to replace "the in-phase I signal" and "the quadrature phase Q signal" with "an in-phase I of said signal received from said complex filter means" and "the quadrature Q phase of said signal received from said filter means", respectively.

In view of the Examiner's suggestion, Applicant has amended claims 22, 24 and 26 by inserting "the signal received from the complex filter means including an in-phase I signal and a quadrature phase Q signal," before "the controlled amplifier means comprising". The term "the in-phase I signal" after "amplifying" refers to "an in-phase I signal". The term "the quadrature phase Q

signal” after “amplifying” refers to “a quadrature phase Q signal”. Support for this amendment can be found, for example, on page 4, lines 28-29.

Claims 22, 24, and 26 has bee amended to replace “the” before “gain K” with “a”, as suggested by the Examiner.

Claim 26 has been amended to replace “the amplitude” with “an amplitude”, as suggested by the Examiner.

Applicant respectfully requests the Examiner to enter the above amendment to the claims.

The Examiner objected to the drawings under 37 CFR 1.83(a). The Examiner stated that the gain summation circuit, the detector, the circuit coupled to the gains summation circuit, as recited in claims 17 and 26, must be shown or the feature(s) cancelled from the claim(s).

To overcome the Examiner’s objection, Figure 7 has been added. Figure 7 is a block diagram illustrating a RSSI circuit having a gain summation circuit, a detector, and a circuit coupled to the gains summation circuit and the detector. The description of pages 4 and 13 has been amended to explain Figure 7.

The amendment to the description and drawings is fully supported by the application as originally filed. Support for the amendment can be found, for example, on page 6, lines 3-5, page 8, lines 14-26, and claim 17 of the original application, and in Figure 2.

According to Figure 2, the RSSI 32 receives actual gains $31_1, 31_2, \dots, 31_n$. According to original claim 17, a received signal strength indicator includes a gain summation circuit for receiving the gain control signal (generated by the control circuit). Thus, in particular, the new phrase “The gain control signals $72_1, 72_2, \dots, 72_n$ may be the actual gains $31_1, 31_2, \dots, 31_n$ of Figure 2 or the AGC setting gain control signals such as $15_1, 15_2, \dots, 15_n$ of Figure 1, $30_1, 30_2, \dots, 30_n$ of Figure 2” in page 13 is fully supported by the application as originally filed.

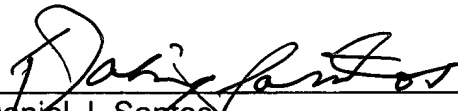
No new matter has been introduced by way of the amendment to the description and the drawings. Applicant respectfully requests the Examiner to enter the amendment to the description of pages 4 and 13 and drawings.

The description of page 2 has been amended to add changes corresponding to those of claims. The amended description of page 2 has new paragraphs corresponding to independent claims 1, 22, 24, and 26. The amendment to the description of page 2 is fully supported by the application as originally filed. No new matter has been introduced by way of the amendment. Applicant respectfully requests the Examiner to enter the amendment to the description of page 2.

CONCLUSION

For the reasons set forth above, it is respectfully submitted that all pending claims are now in condition for allowance, and Applicants request a Notice of Allowance be issued in this case. Should there be any further questions or concerns, the Examiner is urged to telephone the undersigned to expedite prosecution.

Respectfully submitted,
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In the Drawings:

Please add new Figure 7, for which a replacement sheet is attached.